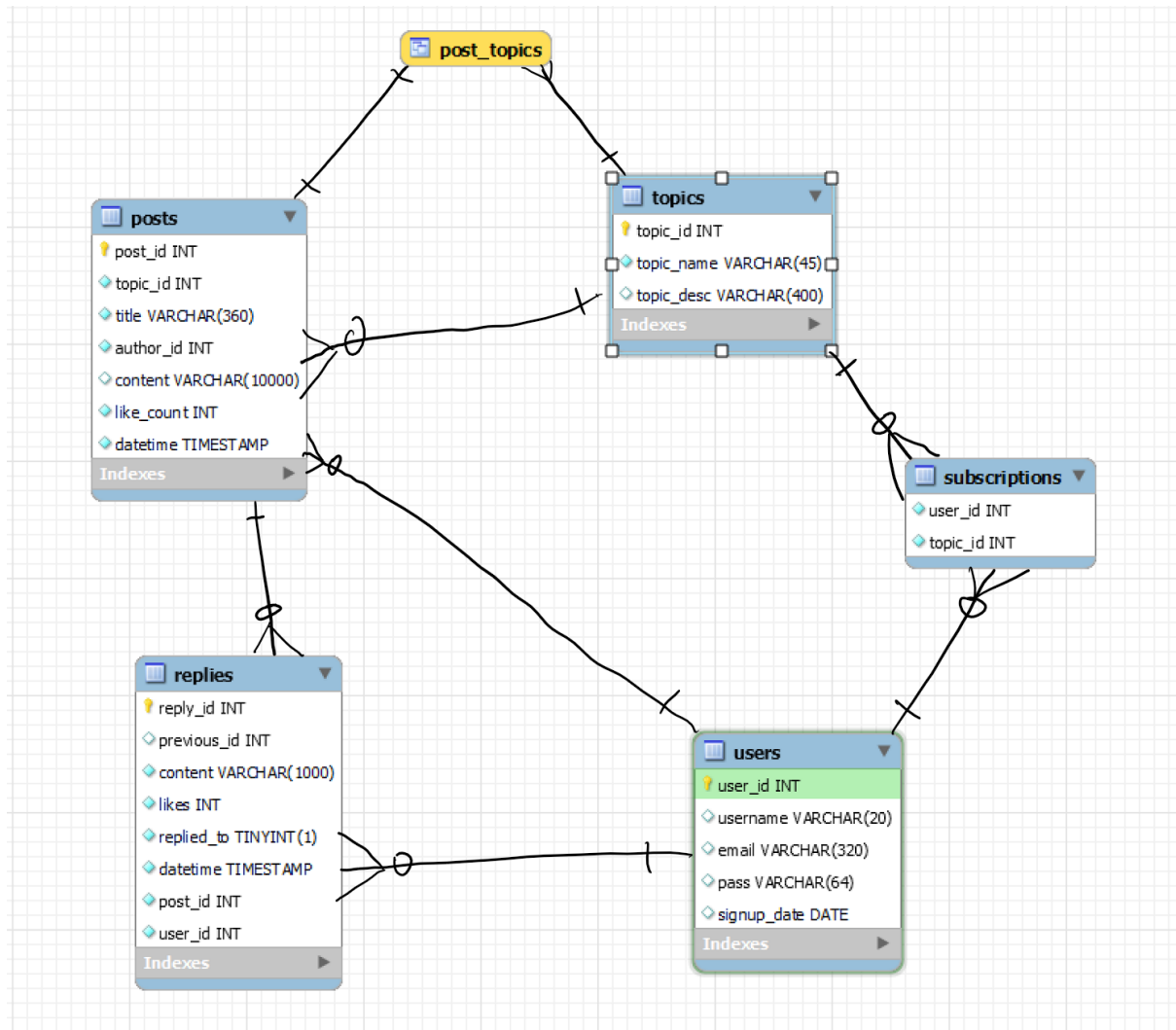Alastair Ros-Davison // 33812742

Dynamic Web: Lab 4– Simple forum App

DOCUMENTATION:

ER Diagram:

Here we see the tables of uses, replies, topics and posts connected.

There is a join table of subscriptions for dealing with the many to many relationship of users to topics.

There is also a VIEW call post_topics that features each post with some extra information from its related topic, pictured above.

Most tables feature a one to many or zero relationship, ie: a user can be related to many, or zero posts, replies, or topics (via membership in subscriptions).

TESTING User Logins:

(MEMBER OF EVERY TOPIC)
Username: Marker1

Password: Marker1

(NOT A MEMBER OF ANYTHING)

Username: Marker2

Password: Marker2

(NOT A MEMBER OF ANYTHING)

Username: Marker3

Password: Marker3

Three logins for testing, on the ones that are not a member of anything you can try joining topics and see what the pages look like without being a member of them as well.

EXTENSIONS:

MYSQL Stored Procedures: 6 stored procedures used in routing, one with multiple parameters;
MYSQL Views: 1 main view used for posts and topics combined.

Github: Consistent github repository used the whole project, with 29 commits.
https://github.com/Alastairrd/Simple-Forum-App

User Login: Login system that allows for validation of users, and failed logins.
Posts/Topics/Commenting all dynamically changes based on whether a user is logged in or not.
Website knows who you are, and will not allow you to post / will show topic joining buttons if you are not a member of a topic, or not logged in, etc.

Top featured topics on home page: Selects top 3 topics by member count to display on homepage.

User Profile Page: Clicking on any username, from the about page, user list, or post or comment will take you to user profile page with details of user and all their related posts.

Topic details page: Topic page will display stats about itself, like number of posts, description, number of members, as well as listing posts.

List posts for a particular topic: This is done on any topic page.
List posts for a particular user: This is done on the user profile page.

Replies to posts: On any post, if logged in and a member of the related topic, you will be able to comment.

Replies to other comments: On any post, if you are logged in and a member of the related topic, you will be able to reply to another user's comment, quoting it in the process.

LIST page: Lists all users, topics, or posts. User can choose between them dynamically, all list items link to respective pages.

Top NAV bar: Navigation bar on all pages featuring links to get anywhere and login/logout depending on user state.

About page extension: Displays entire forum stats and links.

Stylesheet used: Under public/main.css